Even at these extreme levels of contamination, 10 to 50 times legal limits, Aquasana produced chemical free water!

The Aquasana AQ-4000 Pure Water System Certified Performance Data Sheet Pg. 1

Testing Performed under NSF Standards 42 and 53 and certified by the California Department of Health Services Drinking Water Treatment Device Program.

Contaminant (or substance)	Influent/ before filter (average level)	Effluent/ after Filter (average level)	Percent Reduction (at end of capacity)
Chlorine	2.1 ppm	<0.01 ppm	>99%
Lead @6.5pH	180 ppb	<1 ppb	>99%
Lead @8.5pH	170 ppb	<1ppb	>99%
Cryptosporidium (cyst)	88,000 part./mL	<3 part./mL	>99.99%
Giardia (cyst)	88,000 part./mL	<3 part./mL	>99.99%
Turbidity (particles 3-4 microns)	88,000 part./mL	<3 part./mL	>99.99%
Particulate (particles .5-1 microns)	90,000 part./mL	<50 part./mL	>99.9%
Alachlor*	0.29 mg/L	<0.0005 mg/L	>98%
Atrazine*	0.29 mg/L	<0.0005 mg/L	>97%
Benzene*	0.29 mg/L	<0.0005 mg/L	>99%
Carbofuran*	0.29 mg/L	<0.0005 mg/L	>99%
Carbon Tetrachloride*	0.29 mg/L	<0.0005 mg/L	>98%
Chlorobenzene*	0.29 mg/L	<0.0005 mg/L	>99%
2,4-D*	0.29 mg/L	<0.0005 mg/L	>98%
Dibromochloropropane*	0.29 mg/L	<0.0005 mg/L	>99%
O-Dichlorobenzene*	0.29 mg/L	<0.0005 mg/L	>99%
P-Dichlorobenzene*	0.29 mg/L	<0.0005 mg/L	>99%
1,2-Dichloroethane*	0.29 mg/L	<0.0005 mg/L	>99%
1,1-Dichloroethylene*	0.29 mg/L	<0.0005 mg/L	>99%
Cis-1,2-Dichloroetylene*	0.29 mg/L	<0.0005 mg/L	>99%
Trans-1,2-Dichloroethylene*	0.29 mg/L	<0.0005 mg/L	>99%
1,2-Dichloropropane*	0.29 mg/L	<0.0005 mg/L	>99%
Cis-1,3-Dichloropropane*	0.29 mg/L	<0.0005 mg/L	>99%
Dinoseb*	0.29 mg/L	<0.0005 mg/L	>99%
Endrin*	0.29 mg/L	<0.0005 mg/L	>99%
Ethylbenzene*	0.29 mg/L	<0.0005 mg/L	>99%
Ethylene Dibromide (EDB)*	0.29 mg/L	<0.0005 mg/L	>99%
Heptachlor*	0.29 mg/L	<0.0005 mg/L	>99%
Heptachlor Epoxide*	0.29 mg/L	<0.0005 mg/L	>98%
Hexachlorobutadiene*	0.29 mg/L	<0.0005 mg/L	>98%
Hexachlorocyclopentadiene*	0.29 mg/L	<0.0005 mg/L	>99%
Lindane*	0.29 mg/L	<0.0005 mg/L	>99%
Methoxychlor*	0.29 mg/L	<0.0005 mg/L	>99%

Aquasana AQ-4000 Countertop Water Enhancement System

Performance Data Sheet Pg. 2

Contaminant (or substance)	Influent/Unfiltered (average level)	Effluent/Filtered (average level)	Percent Reduction (at end of capacity)
MTBE (Methyl-tert-butyl Ether)	0.016 mg/L	0.001 mg/L	>93%
Pentachlorophenol*	0.29 mg/L	<0.0005 mg/L	>99%
Simazine*	0.29 mg/L	<0.0005 mg/L	>99%
Styrene*	0.29 mg/L	<0.0005 mg/L	>99%
1,1,2,2-Tetrachloroethane*	0.29 mg/L	<0.0005 mg/L	>99%
Tetrachloroethylene*	0.29 mg/L	<0.0005 mg/L	>99%
Toluene*	0.29 mg/L	<0.0005 mg/L	>99%
2,4,5,-TP (Silvex)*	0.29 mg/L	<0.0005 mg/L	>99%
1,2,4,-Trichlorobenzene*	0.29 mg/L	<0.0005 mg/L	>99%
1,1,1-Trichloroethane*	0.29 mg/L	<0.0005 mg/L	>99%
1,1,2-Trichloroethane*	0.29 mg/L	<0.0005 mg/L	>99%
Trihalomethanes (THMs)*	0.29 mg/L	<0.0005 mg/L	>99%
Bromodichloromethane*	0.29 mg/L	<0.0005 mg/L	>99%
Bromoform*	0.29 mg/L	<0.0005 mg/L	>99%
Chloroform*`	0.29 mg/L	<0.0005 mg/L	>99%
Chlorodibromomethane*	0.29 mg/L	<0.0005 mg/L	>99%
Xylenes (total)*	0.29 mg/L	<0.0005 mg/L	>99%

Product Specifications

Operating pressure range…….. 20-50 psi
Max. operating temperature……..…….. 90 degrees F
Max. flow rate……...…….. 0.5 gpm
Rated capacity of filter cartridge…… 500 gal. (appx. 6 mth)

* V.O.C.s tested by chloroform surrogate as specified in NSF standard 53. Influent levels, effluent levels and reduction percentages are based on the actual reduction of the chloroform surrogate of >99.8% (at 200% of capacity).
All V.O.C. testing was performed using chlorinated tap water with a TDS (total dissolved solids) level of 300 ppm and a turbidity content of .14 NTU instead of de-ionized water in order to demonstrate the filters ability to reduce contaminants under real life conditions. Most water treatment device evaluations are performed using de-ionized water which is a considerably less challenging test method.

The *AQ-4000* Water Enhancement System was evaluated to a test capacity of 1000 gallons, 200% of the rated capacity of 500 gallons, to allow for a considerable safety margin. The filter cartridge should be replaced every 6 months to ensure peak performance. Results shown are at end of 1000 gal.cycle.

No other home water filtration system, at any price, has ever performed better than AQUASANA!